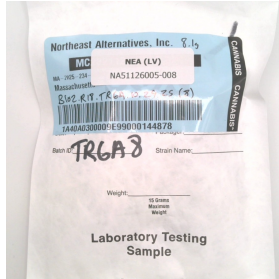




Certificate of Analysis

PASSED



Batch #: B102.R18.TRGA.10.29.25 (8)
Production Method: Cured
Servings: 1
Metric Package #: 1A40A0300009E99000144878
Metric Source Package #: 1A40A0300009E99000144865











Lab ID: NA51126005-008
Ordered: 11/26/25
Sample Date: 11/26/25
Sample Size: 8.1 gram
Completed: 12/04/25
Manifest #: 0003101912

Northeast Alternatives - Massachusetts

310A Kenneth Welch Dr.
Lakeville, MA, 02347, US
License #: MC282112

SAFETY RESULTS

MISC.

									
Pesticide PASSED	Heavy Metals PASSED	Microbial PASSED	Mycotoxins PASSED	Solvents NOT TESTED	Filt/Foreign Material NOT TESTED	Water Activity NOT TESTED	Moisture Content NOT TESTED	Vitamin E NOT TESTED	Terpenes TESTED



Cannabinoid

PASSED



Total THC
19.8973%



Total CBD
ND



Total Cannabinoids
22.8225%

	TOTAL CANNABINOIDS	TOTAL TAC	TOTAL THC	TOTAL CBD	THCA	D9-THC	THCVA	CBGA	THCV	CBDA	CBDV	CBD	CBC	D8-THC	CBN	CBG
%	22.8225	20.0722	19.8973	ND	22.1614	0.4618	ND	0.1994	ND	ND	ND	ND	ND	ND	ND	ND
mg/g	228.2254	200.7216	198.9729	ND	221.6137	4.6177	ND	1.9940	ND	ND	ND	ND	ND	ND	ND	ND
LOQ	0.1000	0.0001	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
LOQ	0.1000	0.0010	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Qualifier	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 735, 990, 1172 **Weight:** 0.1988g **Extraction date:** 12/01/25 11:09:07 **Extracted by:** 1280

Analysis Method : SOP.T.30.031, SOP.T.40.031
Analytical Batch : NA023309POT
Instrument Used : NA-HPLC-004 (Potency - Flower) **Batch Date :** 11/28/25 12:14:01
Analyzed Date : 12/04/25 17:41:11

Dilution : 400
Reagent : 100724.02; 103125.04; 103125.06; 030725.01; 111325.04; 110325.R03; 110325.R04; 112425.R02; 112525.R06; 120125.R02
Consumables : 010924CK01; 9291.023; 9479291.023; 070125CH01; 04503049; 1008646012; 1008855823; 210118R; 220215E-15; GD25001; 2508041; 331090163
Pipette : NA-221 (P-10); NA-135 (P-200); NA-329 (Step)

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.031 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.031 for analysis. LOQ for all cannabinoids is 0.5 mg/L). Total THC = d9THC + (THCA*0.877). Total CBD = CBD + (CBDA*0.877). Total Cannabinoids = Total of all available cannabinoids. THCva is pending ISO accreditation.



Terpenes

TESTED

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
TOTAL TERPENES	0.020	0.020		TESTED	1.040	10.400	
BETA-MYRCENE	0.020	0.020		TESTED	0.214	2.140	
BETA-CARYOPHYLLENE	0.020	0.020		TESTED	0.191	1.910	
ALPHA-BISABOLOL	0.020	0.020		TESTED	0.083	0.830	
ALPHA-HUMULENE	0.020	0.020		TESTED	0.083	0.830	

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Margaret Teasdale

Lab Director

State License #
IL281349
ISO 17025
Accreditation # 97164



Signature
12/04/25
Laboratory License #:
IL281349



Certificate of Analysis


Northeast Alternatives - Massachusetts Sample: NA51126005-008

310A Kenneth Welch Dr.
Lakeville, MA, 02347, US
License #: MC282112

Batch #: B102.R18.TRGA.10.29.25 (8)
Seed to sale: 1A40A0300009E99000144878

Ordered: 11/26/25
Sampled: 11/26/25
Completed: 12/04/25

PASSED



Terpenes

TESTED

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
BETA-PINENE	0.020	0.020		TESTED	0.076	0.760	
LINALOOL	0.020	0.020		TESTED	0.074	0.740	
ALPHA-PINENE	0.020	0.020		TESTED	0.063	0.630	
FENCHYL ALCOHOL	0.020	0.020		TESTED	0.058	0.580	
ALPHA-TERPINEOL	0.020	0.020		TESTED	0.053	0.530	
OCIMENE	0.020	0.020		TESTED	0.046	0.460	
FARNESENE	0.020	0.020		TESTED	0.027	0.270	
TERPINOLENE	0.020	0.020		TESTED	0.025	0.250	
VALENCENE	0.020	0.020		TESTED	0.025	0.250	
CARYOPHYLLENE OXIDE	0.020	0.020		TESTED	0.022	0.220	
3-CARENE	0.020	0.020		TESTED	ND	ND	
BORNEOL	0.020	0.020		TESTED	ND	ND	
CAMPHENE	0.020	0.020		TESTED	ND	ND	
CAMPHOR	0.020	0.020		TESTED	ND	ND	
CEDROL	0.002	0.020		TESTED	ND	ND	
EUCALYPTOL	0.020	0.020		TESTED	ND	ND	
FENCHONE	0.020	0.020		TESTED	ND	ND	
GERANIOL	0.020	0.020		TESTED	ND	ND	
GERANYL ACETATE	0.020	0.020		TESTED	ND	ND	
GUAJOL	0.020	0.020		TESTED	ND	ND	
HEXAHYDROTHYMOL	0.020	0.020		TESTED	ND	ND	
ISOBORNEOL	0.020	0.020		TESTED	ND	ND	
ISOPULEGOL	0.020	0.020		TESTED	ND	ND	
LIMONENE	0.020	0.020		TESTED	ND	ND	
NEROL	0.020	0.020		TESTED	ND	ND	
PULEGONE	0.020	0.020		TESTED	ND	ND	
SABINENE	0.020	0.020		TESTED	ND	ND	
SABINENE HYDRATE	0.020	0.020		TESTED	ND	ND	
ALPHA-CEDRENE	0.020	0.020		TESTED	ND	ND	
ALPHA-PHELLANDRENE	0.020	0.020		TESTED	ND	ND	
ALPHA-TERPINENE	0.020	0.020		TESTED	ND	ND	
CIS-NEROLIDOL	0.020	0.020		TESTED	ND	ND	
GAMMA-TERPINENE	0.020	0.020		TESTED	ND	ND	
P-CYMENE	0.020	0.020		TESTED	ND	ND	
TRANS-NEROLIDOL	0.020	0.020		TESTED	ND	ND	

Analyzed by: 572, 990, 1172 Weight: 0.5243g Extraction date: 11/30/25 13:17:50 Extracted by: 1426,623

Analysis Method : SOP.T.30.064.MA, SOP.T.40.064.MA
 Analytical Batch : NA023303TER
 Instrument Used : NA-GCMS-008 (Terpenes) Batch Date : 11/28/25 08:26:38
 Analyzed Date : 12/04/25 18:39:59

Dilution : 10
 Reagent : 102125.12; 030725.01; 111925.16; 112625.R02
 Consumables : 010924CK01; 9291.023; 9479291.023; 250208-634-A; 04504082; 8000059078; 1008855823; 1008897313; GD25001; 331090163
 Pipette : NA-014 (P-200); NA-021 (P-20); NA-280 (Dispenser); NA-137 (P-1000)

Terpenoid profile screening is performed using Terpene sample preparation SOP.T.30.064.MA and analyzed using a GC-MS using Method SOP.T.40.064.MA which can screen for 39 terpenes. *p-cymene is not an accredited analyte.



Pesticide

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
BIFENTHRIN	ppb	2.240	10.000	10	PASS	ND	
BIFENAZATE	ppb	2.460	10.000	10	PASS	ND	

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Margaret Teasdale

Lab Director

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ISO 17025
Accreditation # 97164



Signature
12/04/25
Laboratory License #:
IL281349



Certificate of Analysis

Northeast Alternatives - Massachusetts Sample: NA51126005-008

310A Kenneth Welch Dr.
Lakeville, MA, 02347, US
License #: MC282112

Batch #: B102.R18.TRGA.10.29.25 (8)
Seed to sale: 1A40A0300009E99000144878

Ordered: 11/26/25
Sampled: 11/26/25
Completed: 12/04/25

PASSED



Pesticide

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
ETOXAZOLE	ppb	1.790	10.000	10	PASS	ND	
IMAZALIL	ppb	3.050	10.000	10	PASS	ND	
IMIDACLOPRID	ppb	1.860	10.000	10	PASS	ND	
MYCLOBUTANIL	ppb	2.900	10.000	10	PASS	ND	
SPIROMESIFEN	ppb	2.970	10.000	10	PASS	ND	
TRIFLOXYSTROBIN	ppb	1.560	10.000	10	PASS	ND	
CYFLUTHRIN	ppb	3.750	10.000	10	PASS	ND	

Analyzed by: 414, 990, 1172	Weight: 0.5214g	Extraction date: 11/29/25 11:59:53	Extracted by: 1241,1392
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Analysis Method : SOP.T.40.104.MA
 Analytical Batch : NA023283PES
 Instrument Used : NA-LCMS-001 (Pesticides),NA-LCMS-003 (Pesticides) Batch Date : 11/26/25 15:54:50
 Analyzed Date : 12/04/25 18:44:55

Dilution : 12.5
 Reagent : 112525.R03; 030725.01; 120125.R03; 112525.R04; 060922.01; 111425.R03
 Consumables : 9291.023; 9479291.023; 250311-634-A; 1008646012; 1008855823; 1008897313; 16302675-1; GD25001
 Pipette : NA-013 (P-200); NA-221 (P-10); NA-137 (P-1000)


Pesticide screen is performed using LC-MS and GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 9 Pesticides. (Method: SOP.T.40.104.MA - Pesticides and Mycotoxins Analysis via LC-MSMS and SOP.T40.154.MA - Volatile Pesticide Analysis via GC-MSMS).

Analyzed by: 414, 990, 1172	Weight: 0.5214g	Extraction date: 11/29/25 11:59:53	Extracted by: 1241,1392
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Analysis Method : SOP.T.40.154.MA, SOP.T.40.151.MA
 Analytical Batch : NA023389VOL
 Instrument Used : NA-GCMS-007 (Volatile Pesticide) Batch Date : 12/02/25 14:13:39
 Analyzed Date : 12/04/25 18:46:05

Dilution : 12.5
 Reagent : 112525.R03; 030725.01; 120125.R03; 112525.R04; 060922.01; 111425.R03
 Consumables : 9291.023; 9479291.023; 250311-634-A; 1008646012; 1008855823; 1008897313; 16302675-1; GD25001
 Pipette : NA-013 (P-200); NA-221 (P-10); NA-137 (P-1000)

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



Microbial

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL COLIFORMS	cfu/g	10	10	1000	PASS	ND	
TOTAL VIABLE AEROBIC BACTERIA	cfu/g	10	10	100000	PASS	ND	
BILE TOLERANT GRAM NEGATIVE BACTERIA	cfu/g	10	10	1000	PASS	ND	
TOTAL YEAST AND MOLD	cfu/g	100	100	10000	PASS	610	
ESCHERICHIA COLI SPECIFIC GENE					PASS	Not Present	
SALMONELLA SPECIFIC GENE					PASS	Not Present	

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Margaret Teasdale
Lab Director



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ISO 17025
Accreditation # 97164

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12/04/25
Laboratory License #:
IL281349



Certificate of Analysis

Northeast Alternatives - Massachusetts Sample: NA51126005-008

310A Kenneth Welch Dr.
Lakeville, MA, 02347, US
License #: MC282112

Batch #: B102.R18.TRGA.10.29.25 (8)
Seed to sale: 1A40A0300009E99000144878

Ordered: 11/26/25
Sampled: 11/26/25
Completed: 12/04/25

PASSED



Microbial

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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Analyzed by: 388, 990, 1172	Weight: 0.9731g	Extraction date: 11/27/25 11:00:14	Extracted by: 388,1352
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Analysis Method : SOP.T.40.056C, SOP.T.40.209.MA, SOP.T.40.206.MA
 Analytical Batch : NA023280MIC
 Instrument Used : NA-PCR-001 (Microbial) Batch Date : 11/26/25 15:49:41
 Analyzed Date : 12/04/25 18:42:19

Dilution : 900
 Reagent : N/A
 Consumables : 418325084D; 8847202-2441; 08/09/22; BEL-13166-0001; 250208-634-A; 070125CH01; 020506; 364502; 0820226; 50RWM0911W83; X002BSD8D; 3110; 446447; 25104; 25/06/27; 0002276; 0002354; 7585004068; WO4544; WO4067; WO4757; 0002056; 0002044; 0002176; 0001316; 0002057; 0002186; WO4316; WO3882; WO4135; 7811001054; 0002078; 0001404; WO4769; WO4669; 0001821; 0001992; 0000630072; 0000581319; 0000581413; 1009944804; 1010204253; 1010571396; 1010314389
 Pipette : NA-001 (P-20, micro); NA-008 (P-10, micro); NA-011 (P-1000, Micro); NA-007 (P-200, micro); NA-003 (P-10 multi, micro); NA-006 (P-200, micro); NA-010 (P-1000, micro); NA-005 (P-200, micro); NA-002 (P-100 multi, micro); NA-164 (P-10, micro); NA-200 (P-300 multi, micro); NA-208 (P-200, micro); NA-207 (P-20, micro); NA-206 (P-20, micro); NA-206A (P-200, micro); NA-207A (P-1000, micro); NA-318 (P-1000, micro); NA-331 (p-100 multi-channel, micro)

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.056C.MA) If a pathogenic Escherichia Coli or Salmonella is detected in 1g of a sample, the sample fails the microbiological-impurity testing.



Mycotoxins

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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AFLATOXIN B1	ppb	2.010	5.000	20	PASS	ND	ND
AFLATOXIN B2	ppb	1.960	5.000	20	PASS	ND	ND
AFLATOXIN G1	ppb	1.820	5.000	20	PASS	ND	ND
AFLATOXIN G2	ppb	2.100	5.000	20	PASS	ND	ND
OCHRATOXIN A	ppb	2.190	5.000	20	PASS	ND	ND
TOTAL AFLATOXINS	ppb	1.820	5.000	20	PASS	ND	ND

Analyzed by: 414, 990, 1172	Weight: 0.5214g	Extraction date: 11/29/25 11:59:53	Extracted by: 1241,1392
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Analysis Method : SOP.T.40.104.MA
 Analytical Batch : NA023388MYC
 Instrument Used : NA-LCMS-003 (MYC) Batch Date : 12/02/25 14:12:47
 Analyzed Date : 12/04/25 18:43:42

Dilution : 12.5
 Reagent : 112525.R03; 030725.01; 120125.R03; 112525.R04; 060922.01; 111425.R03
 Consumables : 9291.023; 9479291.023; 250311-634-A; 1008646012; 1008855823; 1008897313; 16302675-1; GD25001
 Pipette : NA-013 (P-200); NA-221 (P-10); NA-137 (P-1000)

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T40.104.MA Pesticides and Mycotoxins Analysis via LC-MS/MS. LOQ 20 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20 µg/Kg. Ochratoxins must be <20 µg/Kg.



Heavy Metals

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
----------	------	-----	-----	-------	-----------	--------	-----------

ARSENIC	ppb	5.450	20.000	200	PASS	28.056	ND
CADMIUM	ppb	5.500	20.000	200	PASS	ND	ND
MERCURY	ppb	3.400	5.000	100	PASS	ND	ND
LEAD	ppb	8.000	20.000	500	PASS	ND	ND

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Margaret Teasdale
Lab Director



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ISO 17025
Accreditation # 97164

Signature
12/04/25
Laboratory License #:
IL281349



16 Tech Circle, Suite 201
Natick, MA, 01760, US
(401) 219-1491

Kaycha Labs

M00003743217: Smalls - Bulk - Trufflegasm - Hybrid
Strain: Trufflegasm
Matrix: Plant Material
Classification: Raw Plant Material
Type: Flower-Cured



Certificate of Analysis

Pages 5 of 5

Northeast Alternatives - Massachusetts Sample: NA51126005-008

310A Kenneth Welch Dr.
Lakeville, MA, 02347, US
License #: MC282112

Batch #: B102.R18.TRGA.10.29.25 (8)
Seed to sale: 1A40A0300009E99000144878

Ordered: 11/26/25
Sampled: 11/26/25
Completed: 12/04/25

PASSED

Hg	Heavy Metals	PASSED
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ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 990, 1172 Weight: 0.3874g Extraction date: 12/01/25 12:16:23 Analysis Method : SOP.T.30.084.MA, SOP.T.40.084.MA Analytical Batch : NA023333HEA Instrument Used : NA-ICPMS-002 Analyzed Date : 12/04/25 15:59:38 Dilution : 5 Reagent : 062824.02; 062824.03; 103125.01; 112025.R13; 112025.R01; 061025.09; 070224.01; 103125.13; 040325.01; 030725.01 Consumables : L205125M; 13170-542CE-542D; 070125CH01; 1008855823; GD25001 Pipette : NA-012 (P-200); NA-214 Bottle Top Dispenser (nitric acid); NA-125 (5mL); NA-255 (10mL Dispensette, HCL)						Extracted by: 990,1391 Batch Date : 11/28/25 19:16:50	

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.084.MA Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.084.MA Heavy Metals Analysis via ICP-MS.

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